

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	7686107
<b>Application Number:</b>	10087441
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6649
<b>Title of Invention:</b>	Models and methods for determining systemic properties of regulated reaction networks
<b>First Named Inventor/Applicant Name:</b>	Bernhard O. Palsson
<b>Customer Number:</b>	28213
<b>Filer:</b>	Antony M. Novom
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	UCSD1330-2
<b>Receipt Date:</b>	26-MAY-2010
<b>Filing Date:</b>	01-MAR-2002
<b>Time Stamp:</b>	14:15:47
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	NPL Documents	Varma_1993_Metabolic_Capabilities_165_503-522.pdf	1091018 260914-B1d6d4a388493105d7005357254aa cb20	no	20

### Warnings:

Information:
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2	NPL Documents	Varma_1994_Metabolic_Flux_Balancing.pdf	886343 c18edf8e71933e4a562146217a475ec1a 334c2	no	5
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	Varma_1993_Metabolic.pdf	1596409 5d657b3a663017a1d493b229396f1529 8031c	no	26
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	Varma_1995_Parametric_Sensitivity.pdf	654540 c70915a61b6408464b105d8e010b1154c0e 03489	no	11
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	Varma_1993_Biochemical_Production.pdf	1010023 f5d8f5c3d808d41d41c9e71e61bd1048 76b	no	15
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	Varma_1994_Stoichiometric_Flux.pdf	1430806 22ac30f70746202465952729c1b5c651f 46d	no	8
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	Varner_1999_Mathematical_models.pdf	499322 e3323510f5ec0d829c2968a8f1038b5254 4e0b	no	5
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	Varner_2000_Large-Scale_Prediction.pdf	2982404 1a096a570634a9b48714ed2e0d95479c2e 385e5	no	15
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	Vaseghi_1999_In_Vivo_Dynamics.pdf	383655 010eb51b84-6d47a2a99c528f428c35a9 76e	no	13
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	Velculescu_2000_Analysing_uncharted.pdf	364039 5c5e94cc1ae0d961db1194370f7e6e1e 1365	no	3
<b>Warnings:</b>					
<b>Information:</b>					

11	NPL Documents	Venter_1998_Shotgun_Sequencing.pdf	2833833 7239780121fa181e4480ec7b8e05d90c5e c072	no	4
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**Warnings:**
**Information:**

12	NPL Documents	Verduyn_1991_A_Theoretical_evaluation.pdf	1293341 278494860d2e4a16e15e6b025fbef 80dd	no	15
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**Warnings:**
**Information:**

13	NPL Documents	Verduyn_1990_Energetics_of_Saccharomyces.pdf	1130997 18e2fb1eb7e0790888e89549727985e 4c06	no	8
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**Information:**

14	NPL Documents	vo_2004_reconstruction.pdf	474282 660ff8f2b8e947cc0ff8f1313d4a749552 9e	no	9
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**Information:**

15	NPL Documents	Wang_1977.pdf	760863 04e0fe141fb0f0f6ec7b8a9fb2eef2f06eac d98bc	no	18
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**Warnings:**
**Information:**

16	NPL Documents	Wang_1979.pdf	825232 937c30037197a92e6d39495a346e22 8277	no	21
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**Warnings:**
**Information:**

17	NPL Documents	Waterston.pdf	729503 2f590f9823eb542b84947a94e63cfcfa 986	no	3
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**Warnings:**
**Information:**

18	NPL Documents	Wen_1998.pdf	400433 23b13b8bcf2e0e0f1346a76d4ae4fb1a7 7405cd	no	6
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**Warnings:**
**Information:**

19	NPL Documents	Wibac_2002.pdf	644350 4e3d0f1b734d1c000a0e7e40f0b1c1b679 2e0de	no	11
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**Warnings:**
**Information:**

20	NPL Documents	Verduyn_1991_physiology.pdf	2379457 US48c102234Hc345-000138651dc26546 d7Kc2	no	29
<b>Warnings:</b>					
<b>Information:</b>					
		<b>Total Files Size (in bytes):</b>		22370850	
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<p><b>New Applications Under 35 U.S.C. 111</b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p>					
<p><b>National Stage of an International Application under 35 U.S.C. 371</b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p>					
<p><b>New International Application Filed with the USPTO as a Receiving Office</b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					